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1. A polymer drug conjugate comprising:
- i) at least one anti-cancer agent; and
 - ii) a dextrin polymer, wherein said dextrin polymer is modified by succinylation by at least 20mol% characterised in that the stability of the polymer drug conjugate is enhanced.

2. A polymer drug conjugate according to claim 1; wherein said dextrin is succinoylated to at least 30mol%.

3. A polymer drug conjugate according to Claim 2, wherein said dextrin is succinoylated from 30% to 40mol%.

4. A polymer drug conjugate according to Claim 3, wherein said dextrin is succinoylated from 32% to 36mol%.

5. A polymer drug conjugate according to Claim 4 wherein said dextrin is succinoylated to about 34mol%.

6. A polymer drug conjugate according to any of Claims 1-5 wherein the percentage of α -1-6 linkages in the dextrin is less than 10%.

7. A polymer drug conjugate according to Claim 6 wherein the percentage of α -1-6 linkages in the dextrin is less than 5%.

8. A polymer drug conjugate according to any of Claims 1-7 wherein the molecular weight of the dextrin is in the average molecular weight range 1000-200000.

9. A polymer drug conjugate according to Claim 8 wherein the molecular weight of the dextrin is in the average molecular weight range 2000-55000.

10. A polymer drug conjugate according to any of Claims 1-9 wherein the dextrin

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contains more than 15% of polymers of DP greater than 12.

11. A polymer drug conjugate according to Claim 10 wherein the dextrin contains more than 50% of polymers of DP greater than 12.

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12. A polymer drug conjugate according to any of Claims 1-13, wherein said anti cancer agent is selected from the group consisting of: cyclophosphamide; melphalan; carmustine; methotrexate, 5-fluorouracil; cytarabine; mercaptopurine; anthracyclines; daunorubicin, doxorubicin; epirubicin; vinca alkaloids; vinblastin;

10 vincristine; dactinomycin; mitomycin C; taxol; L-asparaginase; G-CSF; cisplatin; carboplatin

13. A pharmaceutical composition comprising a polymer drug conjugate according to any of Claims 1-12.

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14 A pharmaceutical composition according to Claim 13 wherein said composition comprises a diluent, carrier or excipient.

15. The use of a polymer drug conjugate according to any of Claims 1-12 for the manufacture of a medicament for the treatment of cancer.

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16. A polymer drug conjugate comprising:

i) at least one biologically active agent; and

ii) a dextrin polymer, wherein said dextrin polymer is modified by

25 succinylation by at least 20mol% characterised in that the stability of the polymer drug conjugate is enhanced.

17. A polymer conjugate according to Claim 16 wherein said agent is an imaging agent.

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18. A polymer conjugate according to Claim 17 wherein the imaging agent is tyrosinamide.

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19. A polymer conjugate according to Claim 16 wherein said agent is a diagnostic agent;

5 20. A polymer conjugate according to Claim 16 wherein said agent is a targeting agent;

21. A polymer conjugate according to Claim 20 wherein the targeting agent is biotin.

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22. A method of treatment of an animal subject the method including the administration to the animal a pharmaceutically effective amount of the polymer drug conjugate according to any of Claims 1-12.

15 23. A method of treatment according to Claim 22 wherein said animal is human.

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TABLE 2

| Compound | Dose mg kg ⁻¹ (day 0,1,2) | Days survival after treatment (mean ± SD) | T/C (%) | Toxic deaths |
|------------------|---|---|---------|--------------|
| Control (saline) | - | 4.3 ± 0.5 | 100 | 0/6 |
| doxorubicin | 5 | 4.5 ± 0.5 ^{ns} | 103 | 0/6 |
| Dextrin-Dox | 5 | 6.2 ± 0.8 [*] | 142 | 0/6 |
| Dextrin -Dox | 10 | 6.0 ± 1.1 ^{**} | 138 | 0/6 |

N= 6 ns = not significant * p = 0.0004 ** p = 0.005